Amendments to Claims:

This listing of claims will replace all prior versions and listings of the claims in the application:

Listing of Claims:

1. (currently amended) A portable terminal communicably coupled to an external accessory, the external accessory being one of a plurality of external accessories, each of the plurality of external accessories being a different type and having differing functions, wherein at least one of the plurality of external accessories comprises an earphone having an earphone function, wherein each of the plurality of external accessories comprises a resistance value that corresponds to a type of external accessory, comprising:

an earjack comprising a plurality of communicable contacts for communicably coupling the external accessory via ~~one~~ two or more of the plurality contacts, wherein a number of contacts used and a usage of each contact varies depending on the type of the communicably coupled external accessory, and further wherein one of the two or more contacts is an analog-to-digital conversion (ADC) contact used exclusively for detecting a resistance value of the communicably coupled external accessory;

an ~~analog-to-digital conversion~~ (ADC) section for converting a resistance value of the communicably coupled external accessory into an ADC value;

a memory for storing ADC reference values that correspond to resistance values of the plurality of external accessories; and

a controller for controlling the ADC section to convert the resistance value of the communicably coupled external accessory into an ADC value, determining the type of the communicably coupled external accessory by comparing the converted ADC value with the ADC reference values stored in the memory, controlling the number and usage of the plurality of contacts to correspond to the communicably coupled external accessory, and performing a function of the communicably coupled external accessory.

2. (currently amended) The portable terminal of claim 1, wherein the communicable contacts of the ~~ear~~jack comprises:

a ground contact~~pin~~;

a microphone contact~~pin~~;

a speaker contact~~pin~~;

an interrupt contact~~pin~~ for detecting a communicably coupled external accessory;

~~an ADC pin for detecting a resistance value of the communicably coupled external accessory coupled;~~

a received data contact~~pin~~ for receiving data;

a transmit data contact~~pin~~ for transmitting data;

a serial clock contact~~pin~~;

a serial data contact~~pin~~ for performing data communication in association with the serial clock contact~~pin~~; and

a trigger contact~~pin~~ for detecting a flash being communicably coupled.

3. (previously presented) The portable terminal of claim 1, further comprising:

a power supply for powering the communicably coupled external accessory coupled; and

a regulator for providing a constant voltage from the power supply to a communicably coupled external accessory that requires a constant voltage.

4. (currently amended) A method for controlling a portable terminal communicably coupled to an external accessory, the external accessory being one of a plurality of external accessories, each of the plurality of external accessories being a different type and having differing functions, wherein at least one of the plurality of external accessories comprises an earphone having an earphone function, wherein each of the plurality of external accessories comprises a resistance value that corresponds to a type of external accessory, wherein the portable terminal is communicably coupled to the external accessory via ~~one~~ two or more of a plurality communicable contacts comprised by an earjack, wherein a number of contacts used and a usage of each contact varies depending on the type of the communicably coupled external accessory, and further wherein one of the two or more contacts is an analog-to-digital conversion (ADC) contact used exclusively for detecting a resistance value of the communicably coupled external accessory, comprising the steps of:

(a) detecting a resistance value of the communicably coupled external accessory through the ADC contact;

(b) converting the resistance value into an ~~analog-to-digital conversion (~~ADC~~)~~ value;

(c) determining a type of external accessory communicably coupled based on the converted ADC value;

(d) controlling the number and usage of the plurality of contacts to correspond to the communicably coupled external accessory; and

(e) performing a function of the communicably coupled external accessory.

5. (currently amended) The method of claim 4, wherein the step (a) comprises the steps of:

generating an interrupt signal via an interrupt ~~pin~~ contact when an external accessory is communicably coupled, the interrupt ~~pin~~ contact being one of the plurality of contacts comprised by the ~~ear~~jack; and

detecting insertion of the external accessory through the interrupt signal~~; and~~

~~detecting a resistance value of the communicably coupled external accessory through an ADC pin, the ADC pin being one of the plurality of contacts comprised by the earjack~~.

6. (currently amended) The method of claim 4, wherein the step (e) comprises the steps of:

performing an earphone function or a stereo earphone function via a ground contact~~pin~~, a microphone contact~~pin~~ and a speaker contact~~pin~~ when the communicably coupled external accessory is an earphone or a stereo earphone, the ground, microphone and speaker contacts~~pins~~ each being one of the plurality of contacts comprised by the ~~ear~~jack;

performing an FM stereo earphone function or an MP3 function via the ground contact~~pin~~, the microphone contact~~pin~~, the speaker contact~~pin~~, a serial clock contact~~pin~~ and a serial data contact~~pin~~ of the ~~ear~~jack when the coupled external accessory is an FM stereo earphone or an MP3 player, the serial clock and serial data contacts~~pins~~ each being one of the plurality of contacts comprised by the ~~ear~~jack;

performing a function of an external flash via the ground contact~~pin~~ and a trigger contact~~pin~~ of the ~~ear~~jack when the coupled external accessory is an external flash, the trigger contact~~pin~~ being one of the plurality of contacts comprised by the ~~ear~~jack; and

performing a function of an external camera, an external camera with a flash or a Bluetooth module via the ground contact~~pin~~, a received data contact~~pin~~ and a transmit data contact~~pin~~ when the plugged-in external accessory is the external camera, the external camera with a flash or the Bluetooth module, the received data and transmit data contacts~~pins~~ each being one of the plurality of contacts comprised by the ~~ear~~jack.